

Title (en)
Ejector holder for capsule-like cartridge.

Title (de)
Presse für eine kapselähnliche Patrone.

Title (fr)
Support-éjecteur pour cartouche analogue à une capsule.

Publication
EP 0063891 A1 19821103 (EN)

Application
EP 82301882 A 19820408

Priority
• US 25255881 A 19810409
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• US 34425582 A 19820129

Abstract (en)
A manually operable ejector holder is provided for effecting discharge of a capsule-like cartridge (34). A capsule-like cartridge (34) comprising a cylindrical body of uniform diameter open at one end and provided with an annular flange (56) surrounding the open end, the other end being closed by an integral hemispherical end (62) of the same radius as the body and provided with an angularly extending discharge nipple (64) communicating with the interior of the hemispherical end of the body which may be loaded with a precisely measured quantity of a material and the open end closed by a plug slideably moveable along the body when one end is engaged by a plunger (18), are provided in combination with an ejector holder having a cylindrical body provided with an ejecting plunger (18) operated by a handle (22) in a cooperative pivoted lever member (24). The forward end (16) of the cylindrical body of the handle is partially cut away in a radial direction for a limited distance longitudinally to provide a hollow seat to receive the flanged end (56) of the cartridge (34), the seat having an undercut groove (58) to receive the flange (56) of said cartridge (34), and the side walls (36, 38) of the seat at the upper edges having limited flexibility and spaced apart a slightly less distance in the diameter of the cartridge body to effect a limited snap-acting connection of the cartridge (34) to the holder. The body and plug of the cartridge (34) are preferably molded from an opaque material impervious to the passage of light and the tip of the nipple (64) is closed by a cap (70) which may be colour coded to indicate various facts such as the type of material, weight or quantity thereof. Several embodiments of lever members and support mechanisms for the ejector holder are provided.

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Citation (search report)
• [YD] US 4198756 A 19800422 - DRAGAN WILLIAM B [US]
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• [YD] US 3900954 A 19750826 - DRAGAN WILLIAM B
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